

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-255304

(43)Date of publication of application : 09.10.1995

(51)Int.Cl.

A01H 4/00

(21)Application number : 06-071294

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(22)Date of filing : 17.03.1994

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(54) METHOD FOR LARGE AMOUNT OF MULTIPLICATION OF PLANT OF GENUS ACACIA

(57)Abstract:

PURPOSE: To efficiently carry out a large amount of multiplication of plant of genus Acacia useful for a material for pulp, a cut flower, a flower for a garden, a greening tree, etc., by inducing a tissue piece of a plant of genus Acacia to a callus under a specific condition, redifferentiating a shoot and rooting.

CONSTITUTION: A tissue piece of a plant of genus Acacia is sterilely induced to a callus by using a medium prepared by combining 0.01-10.0mg/l of a cytokinin-based plant hormone with 0.-10.0mg/l of an auxin-based plant hormone. Then a shoot is redifferentiated by using the induced callus in a medium prepared by combining 0.01-10.0mg/l auxin-based plant hormone with 0-10.0mg/l of a cytokinin-based plant hormone. Then the redifferentiated shoot is rooted in a medium containing 0.01-10.0mg/l auxin-based plant hormone to multiply a large amount of a plant of genus Acacia.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the
examiner's decision of rejection or application
converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of

rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]

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